



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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February 6, 1998

TO: Minerals File

FROM: Anthony A. Gallegos, Reclamation Engineer *aa g*

RE: Meeting Documentation, Kennecott Utah Copper (KUC), Bingham Canyon Mine, M/035/002, Salt Lake County, Utah

Date of Meeting: January 30, 1998  
Time of Meeting: 1400 - 1600  
Location: DOGM Offices  
Participants: Rich Borden, KUC; Wayne Hedberg, Tony Gallegos, DOGM

Purpose of Inspection: To review the annual reports being submitted and discuss KUC's response to the Division's December 12, 1997 letter.

KUC presented the Division with annual reports for 1997 for the following permits: M/035/002 Bingham Pit, M/035/011 Copperton Concentrator, M/035/015 North Perimeter Expansion, and M/045/004 Pine Canyon. In addition to the report forms KUC also provided a complete set of updated maps covering all KUC permit areas. Specific map sheets show highlighted areas correlating to the disturbances or reclamation described in the various annual reports if these areas were visible on the map scale used. Each annual report was briefly reviewed with a few notes written in on the reports to clarify certain issues. A compilation of these clarifying notes for each permit is listed below.

#### M/035/002- notes

The 509 acres disturbed in the waste rock disposal areas were associated with reclamation activities on the southern end of the east side dump. The 20 acres disturbed in lower Butterfield Canyon were associated with the removal of pre-Kennecott tailings. The 40 acres around the North Concentrator were associated with road realignment.

#### M/035/011 - notes

Disturbances associated with the existing tailings impoundment were reported under this permit number to be consistent with the content of previous annual reports for this permit number. Future annual report information for the existing tailings impoundment will be included in the M/035/002 Bingham Canyon Mine report.

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In addition to these annual reports KUC had prepared a tentative schedule for providing the NOI update information requested by the Division. The schedule was developed based on the goal of submitting a reclamation and closure plan to the Division by August 31, 1998. A copy of this tentative schedule is attached. Upon reviewing this tentative schedule, the Division suggested the omission of the courtesy 1998 reclamation plans for the other three KUC permit areas from the tentative schedule. These other permit areas are not subject to the same review agreement as the Bingham Canyon permit M/035/002, and these other areas already have a detailed reclamation plan included in their approved permit. No other modifications to the tentative schedule were proposed.

KUC had prepared a draft outline for the M/035/002 NOI update. A copy of this outline is attached. No modifications to this outline were proposed. The main headings used in the outline correspond to the major categories used in the original Bingham Canyon Mining and Reclamation Plan.

The Division provided KUC with copies of the following documents which may be of assistance in preparing the NOI update:

- Division Internal File Review Memo of 1/8/98 and referenced documents:
  - Division letter of June 27, 1986
  - KUC letter of July 1, 1986
  - Division memo to the Board of July 17, 1986 with executive summary attached
  - Division memo to the Board of July 31, 1986 with executive summary attached
- Division file memo of January 7, 1994 describing organization of KUC files
- KUC letter of March 4, 1992 providing supplemental M/035/002 permit information
- Division letter of November 22, 1991 documenting discussion of reclamation issues
- Division letter of December 17, 1991 in response to KUC's supplemental permit information

The meeting concluded with the understanding that KUC would be contacting the Division prior to submission of the proposed 1998 Reclamation Plan on February 27, 1998, if there were any issues to be discussed prior to that submission. The tentative date for submission of a proposed schedule for updating the existing large mining notice for the Bingham Canyon Mine is March 2, 1998.

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Attachments: tentative schedule, draft NOI update outline  
cc: Mary Ann Wright, Associate Director Mining  
Rich Borden, KUC  
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